

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20050105918".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:18
S2	173	398/94,95.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/20 11:15
S3	8	ketteridge-peter.in. or ketteridge-peter-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 10:31
S4	353	398/186,187.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/20 11:15
S5	133	398/185.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/20 11:15
S6	6677380	time or temporal\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 10:31
S7	2689330	frequenc\$4 or wavelength\$1 or spectr\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 10:31
S8	1113600	amplitude\$1 or intensit\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 10:32
S9	586645	light near2 emit\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 10:32
S10	36816	S6 with S7 with S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 12:43
S11	1027	S9 same S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 12:26

EAST Search History

S12	133	(S9 same S10).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 12:26
S13	29211	(S6 and S7 and S8).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 12:45
S14	98684	S9.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 12:46
S15	2488	S13 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 12:46
S16	14280	398/1-214.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 12:46
S17	71	S15 and S16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 13:12
S18	1139	diodes with (combiner or multiplexer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 13:25
S19	45	S10 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 13:13
S20	8	diodes with selector with (combiner or multiplexer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 13:26
S21	717	S9 with select\$4 with (combin\$4 or multiplex\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 13:32
S22	22	S13 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 13:31
S23	23	S16 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 13:31

EAST Search History

S24	1675833	laser\$1 or led\$1 or S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 13:32
S25	456146	(select\$4 or switch\$4) same (combin\$4 or multiplex\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 13:34
S26	18347	S24 same S25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 13:34
S27	103205	S6 same S7 same S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 13:35
S28	2263	S26 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 13:35
S29	203	S16 and S28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 13:35
S31	31610	372/1-109.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:45
S32	320	S28 and S31	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 14:26
S33	36402	laser\$1 with array\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 13:57
S34	117	S32 and S33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 13:49
S35	50	("3590248").URPN.	USPAT	OR	OFF	2006/11/20 13:53
S36	749	S33 same S25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 13:57

EAST Search History

S37	172	S31 and S36	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 14:10
S38	424	programmable with S33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 14:20
S39	150	S25 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 14:20
S40	39	(US-20020061165-\$ or US-20020063922-\$ or US-20020154355-\$ or US-20020154356-\$ or US-20020163690-\$ or US-20050105918-\$ or US-20050018721-\$).did. or (US-7062166-\$ or US-7079772-\$ or US-7088922-\$ or US-6031647-\$ or US-7039319-\$ or US-5870217-\$ or US-6980742-\$ or US-6735395-\$ or US-6859622-\$ or US-6907195-\$ or US-6932500-\$ or US-6941075-\$ or US-6839518-\$ or US-5978119-\$ or US-5898719-\$ or US-5894362-\$ or US-4989201-\$ or US-5923450-\$ or US-5790289-\$ or US-6661974-\$ or US-5202782-\$ or US-6108123-\$ or US-6137613-\$ or US-6215572-\$ or US-7092638-\$ or US-6043915-\$).did. or (US-6441937-\$ or US-5889801-\$ or US-3590248-\$ or US-4528668-\$ or US-7079715-\$ or US-6567605-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/11/20 14:23
S41	41	S38.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 14:26
S42	1862	S26 and S31	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 14:27
S43	118620	S7 with tun\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 14:28

EAST Search History

S44	946	S42 and S43	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 14:28
S45	211051	control\$4 with S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 14:28
S46	190	S44 and S45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/20 14:29
S47	40	(US-20050018721-\$ or US-20050105918-\$ or US-20020154356-\$ or US-20020163690-\$ or US-20020154355-\$ or US-20020063922-\$ or US-20020061165-\$).did. or (US-5202782-\$ or US-3590248-\$ or US-5978119-\$ or US-4989201-\$ or US-7079715-\$ or US-5343315-\$ or US-4528668-\$ or US-6215572-\$ or US-6839518-\$ or US-7088922-\$ or US-7092638-\$ or US-7079772-\$ or US-6441937-\$ or US-6567605-\$ or US-6661974-\$ or US-6907195-\$ or US-6137613-\$ or US-6031647-\$ or US-7039319-\$ or US-7062166-\$ or US-6980742-\$ or US-5889801-\$ or US-6859622-\$ or US-6108123-\$ or US-6735395-\$ or US-5790289-\$).did. or (US-6043915-\$ or US-5870217-\$ or US-6932500-\$ or US-5894362-\$ or US-5923450-\$ or US-6941075-\$ or US-5898719-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/12/14 08:36
S48	541943	tun\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:18
S49	19	S47 and S48	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 08:38
S50	1451465	amplitude\$1 or gain or intensity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:15

EAST Search History

S51	16	S49 and S50	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 08:44
S52	622	(star adj coupler\$1).ti	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 12:01
S53	860	seed\$4 with amplifier\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:06
S54	1120248	(amplitude\$1 or intensity or intensities)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:07
S55	2059312	decreas\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:07
S56	36862	S54 near2 S55	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:12
S57	52	S53 and S56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:08
S58	160	S54 with S55 with discrete\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:13
S59	4	S53 and S58	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:12
S60	23129	array\$4 near4 laser\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:18
S61	0	S58 and S60	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:14
S62	934767	laser\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:14

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S63	33	S58 and S62	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:17
S64	35525	step\$4 adj down	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:18
S65	403	S54 with S64	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:18
S66	40	S62 and S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:27
S67	2	"6,727,458".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:28
S68	248	S53.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:28
S69	152	(S53 and S62).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:28
S70	44301	(plurality or array\$4) near4 laser\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:43
S71	5370632	coupl\$4 or combin\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:44
S72	6063	S70 with S71	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:44
S73	1130	S72.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:54
S74	31715	372/1-109.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:19

EAST Search History

S75	248	S73 and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:45
S76	1632	S72.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:54
S77	659	S74 and S76	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 09:54
S78	266	S48 and S77	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:05
S79	4735781	modulat\$4 or driv\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:06
S80	17	S79 and S49	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:06
S81	4374073	amplitude\$1 or gain or intensity or power	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:16
S82	9309879	adjust\$4 or control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:15
S83	4374073	amplitude\$1 or gain or intensity or power	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:16
S84	1247383	S82 with S83	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:16
S85	23129	array\$4 near4 laser\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:18
S86	7166	S84 and S85	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:18

EAST Search History

S87	541943	tun\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:19
S88	2333	S86 and S87	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:19
S89	31715	372/1-109.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:19
S90	14401	398/1-214.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:19
S91	45534	S89 or S90	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:23
S92	847	S88 and S91	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:19
S93	4522808	coupl\$4 or combin\$4 or multiplex\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:20
S94	821	S92 and S93	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:20
S95	723538	composite	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:20
S96	124	S94 and S95	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:20
S97	84601	composite with (beam\$1 or output\$1 or signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:26
S98	31715	372/1-109.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:08

EAST Search History

S99	14401	398/1-214.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:23
S100	45534	S98 or S99	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:23
S101	1343	S97 and S100	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:24
S102	38193	(plurality or array\$1) near3 laser\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:24
S103	339	S101 and S102	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:24
S104	58877	composite near3 (beam\$1 or output\$1 or signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:26
S105	962	S102 and S104	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:26
S106	227	S100 and S105	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 10:26
S107	35	("20010015836" "4963832" "4971417" "5088095" "5117196" "5223705" "5239607" "5268786" "5299055" "5455704" "5506724" "5563731" "5570227" "5764404" "5841557" "5857043" "5861981" "5864414" "5870217" "5872649" "5900968" "5900969" "5907420" "5907429" "5914794" "5923453" "5926304" "5940209" "5986800" "6038062" "6172782" "6252699" "6317255" "6602002" "6731877").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/14 10:42

EAST Search History

S10 8	2632	dfb with semiconductor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:09
S10 9	959	S98 and S108	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:09
S11 0	302	S99 and S108	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:09
S11 1	4	yu-zhengchen.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:19
S11 2	46	(US-20020154355-\$ or US-20020154356-\$ or US-20020063922-\$ or US-20050105918-\$ or US-20020163690-\$ or US-20020061165-\$).did. or (US-7092638-\$ or US-7088922-\$ or US-4578791-\$ or US-6567605-\$ or US-7039319-\$ or US-6980742-\$ or US-6941075-\$ or US-6907195-\$ or US-6735395-\$ or US-6661974-\$ or US-6215572-\$ or US-6137613-\$ or US-6108123-\$ or US-6031647-\$ or US-5923450-\$ or US-6859622-\$ or US-6839518-\$ or US-7079772-\$ or US-7062166-\$ or US-6932500-\$ or US-5898719-\$ or US-5870217-\$ or US-5790289-\$ or US-6043915-\$ or US-5978119-\$ or US-5894362-\$).did. or (US-5202782-\$ or US-4989201-\$ or US-6441937-\$ or US-5889801-\$ or US-7079715-\$ or US-3590248-\$ or US-6157661-\$ or US-5541947-\$ or US-4528668-\$ or US-5343315-\$ or US-7126746-\$ or US-7027155-\$ or US-5241414-\$ or US-6369923-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/12/14 11:38
S11 3	601816	led\$1 or (light adj2 diode\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:40

EAST Search History

S11 4	7	S112 and S113	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:41
S11 5	5319	dummy and S113	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:45
S11 6	50	S99 and S115	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:41
S11 7	3226	dummy adj2 (light\$1 or signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:43
S11 8	36	S113 same S117	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:42
S11 9	32	redundant adj2 S113	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:44
S12 0	35703	(wavelength adj multiplex\$4) or wdm or dwdm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:45
S12 1	52845	laser\$1 with S113	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:45
S12 2	1745	S120 and S121	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:46
S12 3	483	S99 and S122	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:54
S12 4	206	amplifier\$1 with (gas adj laser\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:47
S12 5	5	S124 and S99	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:47

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S12 6	1630	amplifier\$1 with (fiber adj laser\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:51
S12 7	71	S126 and S99	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:49
S12 8	309	fiber adj laser adj amplifier\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 15:41
S12 9	13	S99 and S128	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:49
S13 0	66	S120 and S128	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:50
S13 1	206	amplifier\$1 with (gas adj laser\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:51
S13 2	7	S120 and S131	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:51
S13 3	408	microchip adj laser	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:54
S13 4	10	microchip adj laser adj diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 11:54
S13 5	622	(star adj coupler\$1).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 12:02
S13 6	5	awg\$1 and S135	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 12:02
S13 7	216	star with awg\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 12:02

EAST Search History

S13 8	41	S99 and S137	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 13:10
S13 9	2976	398/79-97.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 13:10
S14 0	49327	pre-amplifier\$1 or preamplifier\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 13:11
S14 1	268	S139 and S140	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 13:22
S14 2	182	S139 and S122	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 13:22
S14 3	843	semiconductor adj laser adj amplifier\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 15:41
S14 4	53	S139 and S143	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/14 15:41